

5.0 Operating Procedures for Peripheral MOAs/ATCAAs

This chapter discusses the operating procedures for the following MOAs and ATCAAs:

- 5.1 Bakersfield (MOA and ATCAA)
- 5.2 Barstow (MOA and East & West ATCAAs)
- 5.3 Bishop (MOA)
- 5.4 Buckhorn (MOA and ATCAA)
- 5.5 Daggett Shelf
- 5.6 Deep Springs (ATCAA)
- 5.7 Porterville (MOA and ATCAA)
- 5.8 Shoshone (MOA and North & South ATCAAs)

This chapter first discusses general information relating to all peripheral MOAs and ATCAAs, and then includes the following for each area, as needed:

- Scheduling
- Special Procedures
- Dimensions

5.1 Bakersfield (MOA and ATCAA)

The Bakersfield MOA covers 2,000 feet AGL to FL180, while the ATCAA covers FL180 to FL600 (see Figures 2-1 and 2-2). Bakersfield is outside of R-2508 but may be scheduled in conjunction with Isabella Work Area operations.

5.1.1 Scheduling

The Bakersfield MOA/ATCAA must be scheduled in advance with CCF to ensure actions are pre-coordinated with Los Angeles or Oakland Air Route Traffic Control Center (ARTCC). **Scheduled events must additionally request the Bakersfield MOA/ATCAA real time with JOSHUA.**

Times of use for the MOA are Monday to Friday, 0600–2200. Other times by NOTAM.

5.1.2 Special Procedures

For both the MOA and ATCAA, use the Edwards AFB local altimeter.

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5.1.3 Dimensions

Both the MOA and the ATCAA share the same dimensions:

Beginning at	35°40'00"N/118°51'03"W;
thence direct	35°40'00"N/118°35'03"W;
thence direct	35°15'00"N/118°35'03"W;
thence direct	34°56'00"N/118°21'03"W;
thence direct	35°14'00"N/118°42'03"W;

Thence direct to the point of beginning.

5.2 Barstow (MOA and East & West ATCAAs)

The Barstow MOA covers 200 feet AGL to FL180. Both Barstow East and Barstow West ATCAAs cover FL180 to FL600 (see Figures 2-1 and 2-2). Barstow is used generally for the following purposes:

- Flight test operations at Edwards AFB
- Helicopter and fixed wing aircraft entering, exiting, or awaiting entry into R-2502N and R-2502E
- Military traffic on VR1217/VR1218 (see Figure 4-2)

5.2.1 Scheduling

Times of use are Monday to Friday, 0600–2200. Other times by NOTAM.

5.2.2 Special Procedures

For Barstow MOA and ATCAAs, use the Edwards AFB local altimeter.

Aircrews operating in Barstow or Shoshone must ensure that they request work areas Barstow East, Barstow West, Shoshone North, or Shoshone South ATCAA airspace in conjunction with the appropriate lower MOA airspace when needed.

The ATCAAs over the Barstow MOA have a different boundary than the airspace underneath (see Figures 2-1 and 2-2). Aircrews must be aware of these boundary differences to prevent spillouts into LA ARTCC airspace.

Aircrews requiring FL240 and above within Barstow East ATCAA must request those altitudes real time with JOSHUA, and can expect a maximum of 15-minute delay in receiving clearance.

5.2.3 Dimensions

For the **Barstow MOA**, the dimensions are:

Beginning at	35°07'00"N/116°34'03"W;
thence direct	35°01'20"N/116°41'03"W;
thence direct	34°56'20"N/117°09'03"W;

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Thence along the eastern border of R-2515 and the southern boundary of R-2502E to the point of beginning.

For the **Barstow East ATCAA**, the dimensions are:

Beginning at	35°07'00"N/116°47'48"W;
thence direct	35°07'00"N/116°34'03"W;
thence direct	35°01'20"N/116°41'03"W;
thence direct	34°58'30"N/116°57'48"W;

Thence direct to the point of beginning.

For the **Barstow West ATCAA**, the dimensions are:

Beginning at	35°06'30"N/116°58'43"W;
thence direct	35°08'50"N/116°48'43"W;
thence direct	35°07'00"N/116°47'48"W;
thence direct	34°58'30"N/116°57'48"W;
thence direct	34°56'20"N/117°09'03"W;

Thence direct to the point of beginning.

5.3 Bishop (MOA)

The Bishop MOA covers 200 feet AGL to FL180 (see Figure 2-1). Bishop MOA is located in the northeast corner of the Owens Work Area.

5.3.1 Scheduling

Bishop MOA must be scheduled in advance with CCF to ensure actions are pre-coordinated with LA or Oakland ARTCC. Aircrews must request use of the Bishop MOA real time with JOSHUA.

Times of use are Monday to Friday, 0600–2200. Other times by NOTAM.

5.3.2 Special Procedures

For the Bishop MOA, use the Bishop local altimeter when in use by Oakland ARTCC. Use the China Lake local altimeter when in use by TRACON/LA ARTCC.

5.3.3 Dimensions

The dimensions of the **MOA** are:

Beginning at	37°12'00"N/118°26'03"W;
thence direct	37°12'00"N/118°00'03"W;
thence direct	37°09'00"N/118°00'03"W;
thence direct	37°02'00"N/118°20'03"W;

Thence direct to the point of beginning.

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5.4 Buckhorn (MOA and ATCAA)

The Buckhorn MOA covers 200 feet AGL to FL180, while the ATCAA covers FL180 to FL600 (see Figure 2-1 and 2-2). Buckhorn is used extensively for test missions at Edwards AFB.

5.4.1 Scheduling

Times of use are Monday to Friday, 0600–2200. Other times by NOTAM.

5.4.2 Special Procedures

For both the MOA and the ATCAA, aircraft use the Edwards AFB local altimeter.

5.4.3 Dimensions

The dimensions of both the MOA and the ATCAA are:

Beginning at 34°49'40"N/118°05'48"W;
thence along the southern boundary of R-2515 to
34°51'17"N/117°26'03"W;
thence direct 34°49'30"N/117°26'03"W;
thence direct 34°46'30"N/117°35'03"W;
thence direct 34°46'00"N/118°00'03"W;
thence direct 34°48'00"N/118°05'48"W;

Thence direct to the point of beginning.

5.5 Daggett Shelf

The Daggett Shelf consists of Barstow East ATCAA, R-2502E, and the portion of R-2508 that coincides with R-2502E, FL240 and above (see highlighted portion of Figure 7-1). It was established by a Letter of Agreement (LOA) to provide FAA relief for control of IFR traffic through the Daggett/Hector Corridor.

5.5.1 Command and Control

The Daggett Shelf, along with Shoshone South ATCAA airspace, remains under LA ARTCC control until JOSHUA requests and receives control.

5.5.2 Scheduling

Aircrews requiring one or more of these areas that comprise the Daggett Shelf or Shoshone South ATCAA, FL240 or above, shall request the area(s) and altitudes from JOSHUA and should expect up to a 15 minute delay for the transfer of airspace control from LA ARTCC to JOSHUA.

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5.5.3 Special Procedures

DO NOT enter any portion of the Daggett Shelf or Shoshone South until JOSHUA issues specific clearance.

5.6 Deep Springs (ATCAA)

The Deep Springs ATCAA covers FL240 to FL600 (see Figure 2-2). It borders the northern border of the Saline ATCAA.

5.6.1 Scheduling

Deep Springs ATCAA must be scheduled in advance with CCF to ensure activities are pre-coordinated with LA and Oakland ARTCC.

5.6.2 Special Procedures

Aircraft use the China Lake local altimeter.

Scheduled events must additionally request the Deep Springs ATCAA real time with JOSHUA.

5.6.3 Dimensions

The dimensions of the ATCAA are:

Beginning at	37°12'00"N/118°00'03"W;
thence direct	37°30'00"N/118°00'03"W;
thence direct	37°30'00"N/117°30'03"W;
thence direct	37°12'00"N/117°20'03"W;

Thence direct to the point of beginning.

5.7 Porterville (MOA and ATCAA)

The Porterville MOA covers 2,000 feet AGL to FL180, and the ATCAA covers FL180 to FL600 (see Figures 2-1 and 2-2).

5.7.1 Scheduling

Porterville MOA/ATCAA must be scheduled in advance with CCF to ensure activities are pre-coordinated with LA or Oakland ARTCC.

Times of use are Monday to Friday, 0600–2200. Other times by NOTAM.

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5.7.2 Special Procedures

Aircraft based at NAS Lemoore use the Fresno local altimeter. All other aircraft use the China Lake local altimeter.

Scheduled events must additionally request the Porterville MOA/ATCAA real time with JOSHUA.

5.7.3 Dimensions

The dimensions of both the MOA and the ATCAA are:

Beginning at	36°08'00"N/119°00'03"W;
thence direct	36°08'00"N/118°35'03"W;
thence direct	35°40'00"N/118°35'03"W;
thence direct	35°40'00"N/118°51'03"W;

Thence direct to the point of beginning.

5.8 Shoshone (MOA & North/South ATCAAs)

The Shoshone MOA covers 200 feet AGL to FL180. The North and South ATCAAs cover FL180 to FL600 (see Figures 2-1 and 2-2). Shoshone MOA/ATCAA airspace is used for the following types of operations:

- OT&E, ACM, low-altitude training, and large-scale exercises (usually in conjunction with Panamint)
- Low-altitude tanking operations in support of large-scale exercises
- Crossing of several MTRs (see Figure 4-2)

5.8.1 Scheduling

Schedule through CCF. Times of use are Monday to Friday, 0600–2200. Other times by NOTAM.

5.8.2 Special Procedures

Aircraft use the China Lake local altimeter.

Aircrews must request use of the Shoshone MOA and ATCAAs real time with JOSHUA.

Aircrews operating in Barstow or Shoshone must ensure that they request work areas Barstow East, Barstow West, Shoshone North, or Shoshone South ATCAA airspace in conjunction with the appropriate lower MOA airspace when needed.

The ATCAAs over the Shoshone MOA have different boundaries than the airspace underneath (see Figures 2-1 and 2-2). Aircrews must be aware of these boundary differences to prevent spillouts into LA ARTCC airspace.

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Also, altitudes are restricted below 1,500 feet AGL within a 3 NM radius of the Shoshone airport and below 3,000 feet AGL over Death Valley National Monument north and west of the line indicated below.

Shoshone South ATCAA is considered an extension of the Daggett Shelf and cannot be scheduled above FL230. Aircrews requiring FL240 and above within Shoshone South ATCAA must request those altitudes real time with JOSHUA. Aircrews should expect a maximum of 15-minute delay in receiving clearance to operate above FL240.

5.8.3 Dimensions

The dimensions of the **MOA** are:

Beginning at	36°30'00"N/116°55'03"W;
thence direct	36°30'00"N/116°47'03"W;
thence direct	36°06'00"N/116°18'03"W;
thence direct	35°39'00"N/115°53'03"W;
thence direct	35°18'45"N/116°18'48"W;
thence direct	35°58'22"N/116°26'22"W;
thence direct	35°34'30"N/116°23'33"W;

Thence direct to the point of beginning.

The dimensions along the Death Valley National Monument are as follows:

Beginning at	35°39'03"N/116°26'06"W;
thence direct	35°39'03"N/116°21'48"W;
thence direct	35°48'14"N/116°21'49"W;
thence direct	35°48'11"N/116°29'41"W;
thence direct	35°52'17"N/116°29'43"W;
thence direct	35°58'22"N/116°26'22"W;
thence direct	35°58'23"N/116°35'47"W;
thence direct	36°10'08"N/116°35'47"W;
thence direct	36°10'11"N/116°38'58"W;
thence direct	36°17'57"N/116°39'01"W;
thence direct	36°17'58"N/116°40'33"W;
thence direct	36°18'30"N/116°41'05"W;
thence direct	36°24'54"N/116°41'04"W;
thence direct	36°24'54"N/116°40'51"W.

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The dimensions of the **Shoshone North ATCAA** are:

Beginning at	36°30'00"N/116°55'03"W;
thence direct	36°30'00"N/116°47'03"W;
thence direct	36°06'00"N/116°18'03"W;
thence direct	35°44'15"N/115°57'48"W;
thence direct	35°28'35"N/116°18'48"W;
thence direct	35°34'30"N/116°23'33"W;

Thence direct to the point of beginning.

The dimensions of the **Shoshone South ATCAA** are:

Beginning at	35°44'15"N/115°57'48"W;
thence direct	35°39'00"N/115°53'00"W;
thence direct	35°18'45"N/116°18'46"W;
thence direct	35°28'35"N/116°18'46"W;

Thence direct to the point of beginning.